

# 843 Response to Request for Quotation

Functional Group ID= **RR**

## Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set. The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
	010	ST	Transaction Set Header	M	1		
	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
N/U	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
N/U	060	PER	Administrative Communications Contact	O	3		
N/U	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
N/U	090	CTP	Pricing Information	O	25		
N/U	100	SSS	Special Services	O	25		
N/U	110	CSH	Header Sale Condition	O	1		
N/U	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
N/U	140	DIS	Discount Detail	O	20		
N/U	150	DTM	Date/Time/Period	O	10		
N/U	160	LDT	Lead Time	O	12		
N/U	170	SHH	General Schedule	O	5		
N/U	180	PRN	Product ID Numbers	O	5		
N/U	190	PID	Product/Item Description	O	200		
N/U	200	MEA	Measurements	O	40		
N/U	210	PWK	Paperwork	O	25		
N/U	220	PKG	Marking, Packaging, Loading	O	25		
N/U	230	TD1	Carrier Details (Quantity and Weight)	O	2		
N/U	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
N/U	250	TD3	Carrier Details (Equipment)	O	12		
N/U	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
N/U	270	MAN	Marks and Numbers	O	10		
LOOP ID - N9							1000
	280	N9	Reference Number	O	1		
	290	MSG	Message Text	O	1000		

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		LOOP ID - N1	200		
	300	N1	Name	O	1
	310	N2	Additional Name Information	O	2
	320	N3	Address Information	O	2
	330	N4	Geographic Location	O	1
N/U	340	REF	Reference Numbers	O	12
	350	PER	Administrative Communications Contact	O	3
N/U	360	FOB	F.O.B. Related Instructions	O	1
N/U	370	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	390	TD3	Carrier Details (Equipment)	O	12
N/U	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	410	PKG	Marking, Packaging, Loading	O	25
		LOOP ID - PO1	100000		
	420	PO1	Purchase Order Baseline Item Data	M	1
N/U	430	CUR	Currency	O	1
N/U	440	PO3	Additional Item Detail	O	25
N/U	450	CTP	Pricing Information	O	25
	460	PID	Product/Item Description	O	1000
	470	MEA	Measurements	O	40
N/U	480	PWK	Paperwork	O	25
	490	PKG	Marking, Packaging, Loading	O	25
N/U	500	PO4	Item Physical Details	O	1
N/U	510	REF	Reference Numbers	O	12
N/U	520	PER	Administrative Communications Contact	O	3
N/U	530	SSS	Special Services	O	25
N/U	540	ITA	Allowance, Charge or Service	O	10
N/U	550	IT8	Conditions of Sale	O	1
N/U	560	ITD	Terms of Sale/Deferred Terms of Sale	O	2
N/U	570	DIS	Discount Detail	O	20
N/U	580	TAX	Tax Reference	O	3
	590	FOB	F.O.B. Related Instructions	O	1
N/U	600	SDQ	Destination Quantity	O	50
	610	DTM	Date/Time/Period	O	10
	620	LDT	Lead Time	O	12
	630	SCH	Line Item Schedule	O	104
N/U	640	TD1	Carrier Details (Quantity and Weight)	O	1
N/U	650	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	660	TD3	Carrier Details (Equipment)	O	12
N/U	670	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	680	MAN	Marks and Numbers	O	10
		LOOP ID - CST	100		
N/U	690	CST	Cost Analysis	O	1

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N/U	700	PID	Product/Item Description	O	1
N/U	710	CUR	Currency	O	1
N/U	720	DTM	Date/Time/Period	O	2
LOOP ID - SLN					1000
N/U	730	SLN	Subline Item Detail	O	1
N/U	740	PID	Product/Item Description	O	1000
LOOP ID - CST					100
N/U	750	CST	Cost Analysis	O	1
N/U	760	PID	Product/Item Description	O	1
N/U	770	CUR	Currency	O	1
N/U	780	DTM	Date/Time/Period	O	2
LOOP ID - N9					1000
N/U	790	N9	Reference Number	O	1
N/U	800	MSG	Message Text	O	1000
LOOP ID - N1					200
N/U	810	N1	Name	O	1
N/U	820	N2	Additional Name Information	O	2
N/U	830	N3	Address Information	O	2
N/U	840	N4	Geographic Location	O	1
N/U	850	REF	Reference Numbers	O	12
N/U	860	PER	Administrative Communications Contact	O	3
N/U	870	FOB	F.O.B. Related Instructions	O	1
N/U	880	TD1	Carrier Details (Quantity and Weight)	O	2
N/U	890	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
N/U	900	TD3	Carrier Details (Equipment)	O	12
N/U	910	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
N/U	920	PKG	Marking, Packaging, Loading	O	25
	930	CTT	Transaction Totals	M	1
	940	SE	Transaction Set Trailer	M	1

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		843 X12.8 Response to Request for Quotation	
Must Use ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number assigned by the originator for a Transaction Set.	
		Also see: Data Interchange Control Number (28.)	

**Segment:** **BQR** Beginning Segment for Response to Request for Quotation  
**Position:** 020  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates  
**Syntax Notes:** 1 If BQR05 is present, then BQR04 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use	BQR01	353	Transaction Set Purpose Code	M	ID	2/2
			Code identifying purpose of transaction set			
			00 Original			
			01 Cancellation			
			04 Change			
Must Use	BQR02	586	Request for Quote Reference Number	M	AN	1/45
			Number assigned by the purchaser to identify his request for quote			
Must Use	BQR03	652	Request Quotation Control Date	M	DT	6/6
			Date to be used for reference purposes in an RFQ and a response to RFQ.			
	BQR04	374	Date/Time Qualifier	C	ID	3/3
			Code specifying type of date or time, or both date and time			
			098 Bid (Effective)			
	BQR05	373	Date	O	DT	6/6
			Date (YYMMDD)			
	BQR06	587	Acknowledgment Type	O	ID	2/2
			Code specifying the type of acknowledgment			
			AC Acknowledge - With Detail and Change			
			AD Acknowledge - With Detail, No Change			
			AK Acknowledge - No Detail or Change			
			DQ Decline to Quote			
			UQ Unable to Quote			

**Segment:** **NTE** **Note/Special Instruction**  
**Position:** 030  
**Loop:**  
**Level:**  
**Usage:** Floating  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

**Data Element Summary**

Ref.	Data	Name	Attributes
Des.	Element		
NTE01	363	<b>Note Reference Code</b>	<b>O ID 3/3</b>
		Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).	
		GEN Entire Transaction Set	
<b>Must Use</b> NTE02	<b>3</b>	<b>Free Form Message</b>	<b>M AN 1/60</b>
		Free-form text	

**Segment:** **REF** **Reference Numbers**  
**Position:** 050  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		CR Customer Reference Number	
		CT Contract Number	
		DS Defense Priorities Allocation System (DPAS) Priority Rating	
		PR Price Quote Number	
		RQ Purchase Requisition No.	
REF02	127	Reference Number	C AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).	

**Segment:** **FOB** **F.O.B. Related Instructions**  
**Position:** 080  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.

**Semantic Notes:**  
**Comments:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.

Data Element Summary					
Ref.	Data	Name	Attributes		
Must Use	Des.	Element			
FOB01	146	Shipment Method of Payment	M	ID	2/2
		Code identifying payment terms for transportation charges			
		DF Defined by Buyer and Seller			
FOB02	309	Location Qualifier	C	ID	1/2
		Code identifying type of Location Identifier (310) used.			
		DE Destination (Shipping)			
		OR Origin (Shipping Point)			
FOB03	352	Description	O	AN	1/80
		A free-form description to clarify the related data elements and their content			
FOB06	309	Location Qualifier	C	ID	1/2
		Code identifying type of Location Identifier (310) used.			
		DE Destination (Shipping)			
		OR Origin (Shipping Point)			
FOB07	352	Description	O	AN	1/80
		A free-form description to clarify the related data elements and their content			



**Segment:** **ITD** **Terms of Sale/Deferred Terms of Sale**  
**Position:** 130  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify terms of sale  
**Syntax Notes:** 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.  
2 If ITD08 is present, then at least one of ITD04 or ITD05 is required.  
3 If ITD09 is present, then ITD10 is required.  
**Semantic Notes:**  
**Comments:** 1 If ITD01 equals 04 - ITD10 is required and either ITD11 or ITD12 is required. If ITD01 equals 05 - ITD06 or ITD07 is required. If ITD01 does not equal 04 or 05 - ITD03 or ITD08 is required.

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element		O	ID 2/2
ITD01	336	<b>Terms Type Code</b>		
		Code identifying type of payment terms		
		08 Basic Discount Offered		
<b>Must Use</b> ITD02	333	<b>Terms Basis Date Code</b>	<b>M</b>	<b>ID 1/2</b>
		Code identifying the beginning of the terms period		
		5 Invoice Receipt Date		
ITD03	338	<b>Terms Discount Percent</b>	<b>C</b>	<b>R 1/6</b>
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
ITD04	370	<b>Terms Discount Due Date</b>	<b>C</b>	<b>DT 6/6</b>
		Date payment is due if discount is to be earned		
ITD05	351	<b>Terms Discount Days Due</b>	<b>C</b>	<b>N0 1/3</b>
		Number of days in the terms discount period by which payment is due if terms discount is earned		
ITD07	386	<b>Terms Net Days</b>	<b>C</b>	<b>N0 1/3</b>
		Number of days until total invoice amount is due (discount not applicable)		

**Segment:** **N9** Reference Number  
**Position:** 280  
**Loop:** N9  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		ZZ Mutually Defined	
N902	127	Reference Number	C AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).	
N903	369	Free-form Description	C AN 1/45
		Free-form descriptive text	

**Segment:** **MSG** Message Text  
**Position:** 290  
**Loop:** N9  
**Level:**  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary			
	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	MSG01	933 Free-Form Message Text	M AN 1/264
		Free-form message text	

**Segment:** **N1** Name  
**Position:** 300  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	
		PE Payee	
		RE Party to receive commercial invoice remittance	
		SE Selling Party	
N102	93	Name	C AN 1/35
		Free-form name	
N103	66	Identification Code Qualifier	C ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 Dun and Bradstreet (Credit Reporting) (DUNS)	
		10 Department of Defense Activity Address Code (DODAAC)	
		92 Assigned by Buyer	
N104	67	Identification Code	C ID 2/17
		Code identifying a party.	

**Segment:** **N2** **Additional Name Information**  
**Position:** 310  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

**Segment:** **N3** **Address Information**  
**Position:** 320  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Free-form field for address information.	M AN 1/35
	N302	166	Address Information Free-form field for address information.	O AN 1/35

**Segment:** **N4 Geographic Location**  
**Position:** 330  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:**

- 1 At least one of N401 or N405 is required.
- 2 If N401 is present, then N402 is required.
- 3 If either N405 or N406 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the USA or Canada.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 5/9
N404	26	Country Code Code identifying the country	O ID 2/2

**Segment:** **PER Administrative Communications Contact**  
**Position:** 350  
**Loop:** N1  
**Level:**  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:** 1 If PER03 is present, then PER04 is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is used to specify who is to be contacted on various conditions related to the transaction. The term "Communication" in the title and purpose relates to interpersonal communications, not network or telecommunications contacts.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named SU Supplier Contact	<b>M ID 2/2</b>
PER02	93	<b>Name</b> Free-form name	<b>O AN 1/35</b>
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	<b>O ID 2/2</b>
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable. Also see: Communications Number Qualifier (365).	<b>C AN 7/21</b>
PER05	326	<b>Request Reference Number</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	<b>O AN 1/45</b>



<b>Segment:</b>	<b>PO1</b>	<b>Purchase Order Baseline Item Data</b>
<b>Position:</b>	420	
<b>Loop:</b>	PO1	
<b>Level:</b>		
<b>Usage:</b>	Mandatory	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic and most frequently used purchase order line item data	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PO105 is present, then PO104 is required.</li> <li>2 If PO106 is present, then PO107 is required.</li> <li>3 If PO108 is present, then PO109 is required.</li> <li>4 If PO110 is present, then PO111 is required.</li> <li>5 If PO112 is present, then PO113 is required.</li> <li>6 If PO114 is present, then PO115 is required.</li> <li>7 If PO116 is present, then PO117 is required.</li> <li>8 If PO118 is present, then PO119 is required.</li> <li>9 If PO120 is present, then PO121 is required.</li> <li>10 If PO122 is present, then PO123 is required.</li> <li>11 If PO124 is present, then PO125 is required.</li> </ol>	
<b>Semantic Notes:</b>		
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of ID's.</li> <li>2 PO101 is the line item identification.</li> <li>3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.</li> </ol>	

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set <i>Request for quote Line Item number.</i>	M AN 1/6
Must Use PO102	330	<b>Quantity Ordered</b> Quantity ordered	M R 1/9
Must Use PO103	355	<b>Unit or Basis for Measurement Code</b> Code identifying the basic unit of measurement. <i>The 5000.12M and ASC X12 dictionary must be reconciled. Use "ZZ" for conflicting codes.</i> Refer to 002003 Data Element Dictionary for acceptable code values.	M ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	C R 1/14
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item NQ No Quote QT Quoted	O ID 2/2
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	O ID 2/2

		FS	Federal Stock Classification and/or National Stock Number			
<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>		<b>C</b>	<b>AN</b>	<b>1/30</b>
		Identifying number for a product or service				
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		PD	Part Number Description			
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>		<b>C</b>	<b>AN</b>	<b>1/30</b>
		Identifying number for a product or service				
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CG	Commodity Grouping			
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>		<b>C</b>	<b>AN</b>	<b>1/30</b>
		Identifying number for a product or service				
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>O</b>	<b>ID</b>	<b>2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		VP	Vendor's (Seller's) Part Number			
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>		<b>C</b>	<b>AN</b>	<b>1/30</b>
		Identifying number for a product or service				

**Segment:** **PID** **Product/Item Description**  
**Position:** 460  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To describe a product or process in coded or free-form format  
**Syntax Notes:**

- 1 If PID03 is present, then PID04 is required.
- 2 At least one of PID04 or PID05 is required.

**Semantic Notes:**  
**Comments:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
Must Use	PID01	349 Item Description Type	M	ID 1/1
		Code indicating the format of a description		
		F Free-form		
	PID05	352 Description	C	AN 1/80
		A free-form description to clarify the related data elements and their content		

**Segment:** **MEA** Measurements  
**Position:** 470  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 40  
**Purpose:** To specify physical measurements, including dimension tolerances, weights and counts.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
MEA01	737	Measurement Reference ID Code	O ID 2/2
		Code specifying the application of physical measurement cited.	
		CT Counts	
MEA02	738	Measurement Qualifier	O ID 1/3
		Code identifying the type of measurement.	
		PO Percent of Order (-, +)	
MEA04	355	Unit or Basis for Measurement Code	O ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 002003 Data Element Dictionary for acceptable code values.	
MEA05	740	Range Minimum	C R 1/10
		The value specifying the minimum of the measurement range	
MEA06	741	Range Maximum	C R 1/10
		The value specifying the maximum of the measurement range	

**Segment:** **PKG** **Marking, Packaging, Loading**

**Position:** 490

**Loop:** PO1

**Level:**

**Usage:** Optional

**Max Use:** 25

**Purpose:** To describe marking, packaging, loading, and unloading requirements

**Syntax Notes:**

- 1 If PKG03 is present, then PKG04 is required.
- 2 At least one of PKG04 or PKG05 is required.

**Semantic Notes:**

**Comments:**

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 3 PKG04 should be used for industry-specific packaging description codes.
- 4 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary				
Ref.	Data	Name	Attributes	
Must Use	Des.	Element		
PKG01	349	Item Description Type	M	ID 1/1
		Code indicating the format of a description		
		F Free-form		
PKG02	753	Packaging Characteristic Code	O	ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described		
		36 Package Specifications		
PKG03	348	Item Description Qualifier	O	ID 2/2
		Code identifying agency responsible for the code used.		
		ZZ Mutually Defined		
PKG04	754	Packaging Description Code	C	ID 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product. Also see: Item Description Qualifier (348).		
PKG05	352	Description	C	AN 1/80
		A free-form description to clarify the related data elements and their content		

**Segment:** **FOB** **F.O.B. Related Instructions**  
**Position:** 590  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:** 1 If FOB03 is present, then FOB02 is required.  
 2 If FOB04 is present, then FOB05 is required.  
 3 If FOB07 is present, then FOB06 is required.  
**Semantic Notes:**  
**Comments:** 1 FOB01 indicates which party will pay the carrier.  
 2 FOB02 is the code specifying transportation responsibility location.  
 3 FOB06 is the code specifying title passage location.

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
Must Use FOB01	146	Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		DF Defined by Buyer and Seller	
FOB02	309	Location Qualifier	C ID 1/2
		Code identifying type of Location Identifier (310) used.	
		DE Destination (Shipping)	
		OR Origin (Shipping Point)	
FOB03	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	
FOB06	309	Location Qualifier	C ID 1/2
		Code identifying type of Location Identifier (310) used.	
		DE Destination (Shipping)	
		OR Origin (Shipping Point)	
FOB07	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

**Segment:** **DTM** Date/Time/Period  
**Position:** 610  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 or DTM03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		075 Promised for Delivery (Prior to and Including)	
DTM02	373	Date	C DT 6/6
		Date (YYMMDD)	

**Segment:** **LDT** Lead Time  
**Position:** 620  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LDT04 is the effective date of lead time information.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LDT01	345	Lead Time Code	M ID 2/2
		Code indicating the time range	
		AA From date of PO receipt to sample ready. <i>Indicates deliver schedule for "First Article".</i>	
		AF From date of PO receipt to delivery.	
Must Use LDT02	380	Quantity	M R 1/10
		Numeric value of Quantity. Also see: Unit of Measurement Code (355).	
Must Use LDT03	344	Unit of Time Period or Interval	M ID 2/2
		Code indicating the time period or interval	
		DA Calendar Days	



**Segment:** **SCH** Line Item Schedule  
**Position:** 630  
**Loop:** PO1  
**Level:**  
**Usage:** Optional  
**Max Use:** 104  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:** 1 If SCH04 is present, then SCH05 is required.  
2 If SCH10 is present, then SCH09 is required.  
**Semantic Notes:**  
**Comments:** 1 SCH06 specifies the interpretation to be used for SCH07 and SCH08.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use SCH01	380	Quantity	M R 1/10
		Numeric value of Quantity. Also see: Unit of Measurement Code (355).	
Must Use SCH02	355	Unit or Basis for Measurement Code	M ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 002003 Data Element Dictionary for acceptable code values.	
SCH03	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	
SCH04	98	Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity or a physical location.	
		ST Ship To	
SCH05	93	Name	C AN 1/35
		Free-form name	
Must Use SCH06	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		075 Promised for Delivery (Prior to and Including)	
Must Use SCH07	373	Date	M DT 6/6
		Date (YYMMDD)	

**Segment:** **CTT** Transaction Totals  
**Position:** 930  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If CTT03 is present, then CTT04 is required.  
2 If CTT05 is present, then CTT06 is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use CTT01	354	Number of Line Items	M N0 1/6
Total number of line items in the transaction set			

**Segment:** **SE** Transaction Set Trailer  
**Position:** 940  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SE01	96	Number of Included Segments	M N0 1/6
		Total number of segments included in a transaction set including ST and SE segments	
Must Use SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number assigned by the originator for a Transaction Set. Also see: Data Interchange Control Number (28.)	